

Attorney Docket No.: T00366 (SBC 0111 PA)

My residence, post office address and citizenship are as stated below next to my name.

MULTI-PAIR BROADBAND TRANSMISSION SYSTEM

(check one) ☒ is attached hereto
☐ was filed on _____; as U.S. Application Serial No. _____; and was amended on _____
 (if applicable)
 OR PCT International Application Number _____

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 USC §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International Application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

			Priority Claimed		Certified Copy Attached	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	Yes	No

I hereby claim the benefit under 35 USC §120 of any United States application(s), or 365(c) of any PCT International Application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S.-Application(s) OR
PCT Parent Number:

(Serial Number)	(Day/Month/Year Filed)	(Patented, pending, abandoned)
1	1/1/2000	Patented
2	2/1/2000	Pending
3	3/1/2000	Abandoned
4	4/1/2000	Patented
5	5/1/2000	Pending
6	6/1/2000	Abandoned
7	7/1/2000	Patented
8	8/1/2000	Pending
9	9/1/2000	Abandoned
10	10/1/2000	Patented
11	11/1/2000	Pending
12	12/1/2000	Abandoned
13	1/1/2001	Patented
14	2/1/2001	Pending
15	3/1/2001	Abandoned
16	4/1/2001	Patented
17	5/1/2001	Pending
18	6/1/2001	Abandoned
19	7/1/2001	Patented
20	8/1/2001	Pending
21	9/1/2001	Abandoned
22	10/1/2001	Patented
23	11/1/2001	Pending
24	12/1/2001	Abandoned
25	1/1/2002	Patented
26	2/1/2002	Pending
27	3/1/2002	Abandoned
28	4/1/2002	Patented
29	5/1/2002	Pending
30	6/1/2002	Abandoned
31	7/1/2002	Patented
32	8/1/2002	Pending
33	9/1/2002	Abandoned
34	10/1/2002	Patented
35	11/1/2002	Pending
36	12/1/2002	Abandoned
37	1/1/2003	Patented
38	2/1/2003	Pending
39	3/1/2003	Abandoned
40	4/1/2003	Patented
41	5/1/2003	Pending
42	6/1/2003	Abandoned
43	7/1/2003	Patented
44	8/1/2003	Pending
45	9/1/2003	Abandoned
46	10/1/2003	Patented
47	11/1/2003	Pending
48	12/1/2003	Abandoned
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50	2/1/2004	Pending
51	3/1/2004	Abandoned
52	4/1/2004	Patented
53	5/1/2004	Pending
54	6/1/2004	Abandoned
55	7/1/2004	Patented
56	8/1/2004	Pending
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71	11/1/2005	Pending
72	12/1/2005	Abandoned
73	1/1/2006	Patented
74	2/1/2006	Pending
75	3/1/2006	Abandoned
76	4/1/2006	Patented
77	5/1/2006	Pending
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79	7/1/2006	Patented
80	8/1/2006	Pending
81	9/1/2006	Abandoned
82	10/1/2006	Patented
83	11/1/2006	Pending
84	12/1/2006	Abandoned
85	1/1/2007	Patented
86	2/1/2007	Pending
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88	4/1/2007	Patented
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90	6/1/2007	Abandoned
91	7/1/2007	Patented
92	8/1/2007	Pending
93	9/1/2007	Abandoned
94	10/1/2007	Patented
95	11/1/2007	Pending
96	12/1/2007	Abandoned
97	1/1/2008	Patented
98	2/1/2008	Pending
99	3/1/2008	Abandoned
100	4/1/2008	Patented

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application listed below:

(Application Number) (Day/Month/Year Filed)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John A. Artz, Reg. No. 25,824; John S. Artz, Reg. No. 36,431; Kevin G. Mierzwa, Reg. No. 38,049; Robert P. Renke, Reg. No. 40,783; Angela M. Brunetti, Reg. No. 41,647; Thomas E. Donohue, Reg. No. 44,660; Steven W. Havs, Reg. No. 41,823; Cathy M. Roumell, Reg. No. 47,909

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

John A. Artz, Reg. No. 25,824; John S. Artz, Reg. No. 36,431; Kevin G. Mierzwa, Reg. No. 38,049; Robert P. Renke, Reg. No. 40,783; Angela M. Brunetti, Reg. No. 41,647; Thomas E. Donohue, Reg. No. 44,660; Steven W. Hays, Reg. No. 41,823; Cathy M. Roumell, Reg. No. 47,909

Address all correspondence and telephone calls to:

Robert P. Renke
ARTZ & ARTZ, P.C.
28333 Telegraph, Suite 250
Southfield, MI 48034
(248) 223-9500

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Thomas J. J. Starr
Inventor's signature Thomas J. J. Starr Date December 20, 2001
Post Office Address same as residence Citizenship USA
Residence 370 Roberts Road - Inverness, Barrington, IL 60010



UNITED STATES
PATENT AND
TRADEMARK OFFICE

SBC 0111

APRIL 23, 2002

PTAS

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.gov

ARTZ & ARTZ, P.C.
ROBERT P. RENKE
28333 TELEGRAPH ROAD, STE. 250
SOUTHFIELD, MI 48034



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UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/14/2002

REEL/FRAME: 012614/0786
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

STARR, THOMAS J. J.

DOC DATE: 12/20/2001

ASSIGNEE:

SBC TECHNOLOGY RESOURCES, INC.
9505 ARBORETUM BLVD.
AUSTIN, TEXAS 78759

SERIAL NUMBER: 10027179
PATENT NUMBER:

FILING DATE: 12/21/2001
ISSUE DATE:

JEFFREY OLSEN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ENTERED CPI

Date: 5-2-02

By: [Signature]

APR 30 2002

03-04-2002

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings



102001281

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Thomas J. J. Starr

2-14-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

2. Name and address of receiving party(ies)

Name: SBC Technology Resources, Inc.

Internal Address: _____

Street Address: 9505 Arboretum Blvd.

City: Austin State: TX Zip: 78759

Execution Date: December 20, 2001

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/027,179

B. Patent No.(s)

FEB 14 2002

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Artz & Artz, P.C.

Attn: Robert P. Renke

Internal Address: _____

Street Address: 28333 Telegraph Road

Ste. 250

City: Southfield State: MI Zip: 48034

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 50-0476

(Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert P. Renke

Name of Person Signing

Signature

01-28-2002

Date

Total number of pages including cover sheet, attachments, and documents: ☐Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

03/01/2002 DATE 00000149 1002/179

01 FC:58

40.00 OP

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ASSIGNMENT OF APPLICATION

WHEREAS, I, **Thomas J. J. Starr**, respectively, hereafter referred to as applicant(s), have invented certain new and useful improvements in:

MULTI-PAIR BROADBAND TRANSMISSION SYSTEM

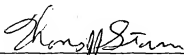
X for which an application for a United States Patent was filed on December 21, 2001,
Application Serial No. 10/027,179.

_____ for which an application for a United States Patent was executed on _____, and

WHEREAS, **SBC Technology Resources, Inc.** (hereinafter referred to as Assignee), whose post office address is **9505 Arboretum Boulevard, Austin, Texas 78759** is desirous of acquiring the entire right, title and interest in the same;

NOW, therefore, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, we, the applicants, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention, both domestic and foreign, and the entire right, title and interest in and to any and all Patents which may be granted therefor, both domestic and foreign, we hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by ourselves had this assignment and sale not been made.

AND I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.



Thomas J. J. Starr

State of ILLINOIS)
County of COOK) ss

Before me personally appeared **Thomas J. J. Starr**, and acknowledged the foregoing instrument to be his free act and deed this 20th day of December, 2001.


Notary Public
